20119 July 21, All 9: 48

APPROVED

### **BUREAU OF PUBLIC WATER SUPPLY**

### CALENDAR YEAR 2008 CONSUMER CONFIDENCE REPORT CERTIFICATION FORM

The Federal Safe Drinking Water Act requires each <i>community</i> public water system to develop and distribute a consume confidence report (CCR) to its customers each year. Depending on the population served by the public water system, this CCF must be mailed to the customers, published in a newspaper of local circulation, or provided to the customers upon request.
Please Answer the Following Questions Regarding the Consumer Confidence Report
Customers were informed of availability of CCR by: (Attach copy of publication, water bill or other)
Advertisement in local paper On water bills Other
Date customers were informed: 6 /17 /09
☐ CCR was distributed by mail or other direct delivery. Specify other direct delivery methods:
Date Mailed/Distributed: / /
CCR was published in local newspaper. (Attach copy of published CCR or proof of publication)
Name of Newspaper: The Y 1200 Her Alb
Date Published: 6/17/09
CCR was posted in public places. (Attach list of locations)
Date Posted://
CCR was posted on a publicly accessible internet site at the address: www
CERTIFICATION
hereby certify that a consumer confidence report (CCR) has been distributed to the customers of this public water system in the form and manner identified above. I further certify that the information included in this CCR is true and correct and is consistent with the water quality monitoring data provided to the public water system officials by the Mississippi State Department of Health, Bureau of Public Water Supply.
Name/Title (President, Mayor, Owner, etc.)
Mail Completed Form to: Bureau of Public Water Supply/P.O. Box 1700/Jackson, MS 39215  Phone: 601-576-7518

# $Proof\ of\ Publication$

THE STATE OF MISSISSIPPI, County of Yazoo.

The Yazoo Herald is a newspaper as defined and described in Senate Bill No. 293 enacted at the regular session of the Mississippi Legislature of 1948, amending Section 1858, of the Mississippi Code of 1942.

Personally appeared	l before me, the unde	ersignedNO+	014
Dublic	in and fo	or the County and	d State aforesaid
who being by me	e first duly swor	drews n states on oa	th, that he is
Editor published in the Cit	ty of Yazoo City, Stat ne notice, a copy of w	of <i>The Yazoo Hero</i> te and County afo	ald, a newspaper presaid, and that
made in said paper		times	s as follows.
VOL. No. <u>138</u>		_ Dated <u>June</u>	<u>17</u> , 20 <u>09</u>
VOL. No	_ Number	_ Dated	20
VOL. No	_ Number	_ Dated	, 20
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Affiant further state least twelve months	tes that said newsp s next prior to the fir	eaper has been extra publication of	stablished for at said notice.
(Signed)	10	E OF MISSON	
Sworn to and subscr	ribed before me, this	day of C	<u>ne</u> , 2009
	Notary	Public or Justice	of the Peace
3 x 21,5 words	times \$	August 3, 2012	
Proof of Publication	3-		
TOTAL \$ _	531,90		

#### CONFIRMATION OF NOTICE

## Community (C)

Mississippi State Department of Health Bureau of Public Water Supply P O Box 1700 Jackson, Mississippi 39215-1700

PWS Name: Mibway	Community	WATER	ASSN
PWS ID #: 082 0010	0820029	0820	0028
For Violation: RASioLog	ical SAMpling		
Occurring on: \\ \( \frac{1007}{00} \).	- Dec. 2007		
The public water system indicated consumers in accordance with the method(s) indicated below:	l above hereby affirms that p	oublic notice h	as been provided to ts and deadlines given by
Notice distributed by		on	
(h	and or direct delivery)		(date)
Notice distributed by(mail, as a sep	parate notice or included with	onon	(date)
Notice distributed by \(\frac{\partial A 2 \omega}{\tag{alto}}\)	Hem/S News pagernate method if applicable)	)e/on	6/17/8 F (date)
WITH The CCI	R IN News	paper	
Baty Ward	Bookheep	<u>n</u>	6/22/09
(Signature)	(Title)		(Date)

We're pleased to present to you this year's Annual Quality Water Report. This report is designed to inform you about the quality water and services we deliver to you every day. Our constant goal is to provide you with a safe and dependable supply of drinking water. We want you to understand the efforts we make to continually improve the water treatment process and protect our water resources. We are committed to ensuring the quality of your water. Our water source is from wells drawing from the Meridian Upper Wilcox Aquifer.

The source water assessment has been completed for our public water system to determine the overall susceptibility of its drinking water supply to identified potential sources of contamination. The general susceptibility rankings assigned to each well of this system are provided immediately below. A report containing detailed information on how the susceptibility determinations were made has been furnished to our public water system and is available for viewing upon request. The wells for the Midway Community Water Association have received lower to higher susceptibility rankings to contamination.

If you have any questions about this report or concerning your water utility, please contact Patsy Ward at 662-673-2682. We want our valued customers to be informed about their water utility. If you want to learn more, please attend any of our regularly scheduled meetings. They are held on the first Tuesday of each month at 7:00 PM at the Midway County Office Bldg.

We routinely monitor for constituents in your drinking water according to Federal and State laws. This table below lists all of the drinking water contaminants that were detected during the period of January 1<sup>st</sup> to December 31<sup>st</sup> 2008. In cases where monitoring wasn't required in 2008, the table reflects the most recent results. As water travels over the surface of land or underground, it dissolves naturally occurring minerals and, in some cases, radioactive materials and can pick up substances or contaminants from the presence of animals or from human activity; microbial contaminants, such as viruses and bacteria, that may come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife; inorganic contaminants, such as salts and metals, which can be naturally occurring or result from urban storm-water runoff, industrial, or domestic wastewater discharges, oil and gas production, mining, or farming; pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm-water runoff, and residential uses; organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations and septic systems; radioactive contaminants, which can be naturally occurring or be the result of oil and gas production and mining activities. In order to ensure that tap water is safe to drink, including bottled drinking water, may be reasonably expected to contaminants in water provided by public water systems. All drinking water, including bottled drinking water, may be reasonably expected to contain at least small amounts of some constituents. It's important to remember that the presence of these constituents does not necessarily indicate that the water poses a health risk.

In this table you will find many terms and abbreviations you might not be familiar with. To help you better understand these terms we've provided the following definitions:

Action Level - the concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Maximum Conteminant Level (MCL) - The "Maximum Allowed" (MCL) is the highest level of a contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Maximum Contaminant Level Goal (MCLG) - The "Goal"(MCLG) is the level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Parts per million (ppm) or Milligrams per liter (mg/l) - one part per million corresponds to one minute in two years or a single penny in \$10,000.

Parts per billion (ppb) or Micrograms per liter - one part per billion corresponds to one minute in 2,000 years, or a single penny in \$10,000,000.

PWS ID#	08200	10	TEST RESULTS					
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorganic	Contai	ninants						
10. Barium	N	2006*	.012	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natura deposits
13. Chromium	N	2006*	2	No Range	ppb	100	100	Discharge from steel and pulp mills; erosion of natural deposits
14. Copper	N N	2008	A Ob	id one and	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
17. Lead	N	2008	4	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits

Disinfectio	n By	-Produc	ets	<b>列克斯斯</b> 多				· 医胃 音 显影点 电动
81. HAA5	N	2008	18	No Range	ppb	0	60	By-Product of drinking water disinfection.
82. TTHM [Total trihal6methanes]	N	2008	57.72	No Range	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N	2008	1.43	.7 - 1.43	ppm	0	MDRL = 4	Water additive used to control microbes

PWS ID#		21	I	EST RESUL	TS			
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorganic	Contai	ninants		il urana i				THE PROPERTY OF THE PARTY OF TH
10. Barium	N	2006*	.007	No Range	ppm	2	2	Discharge of drilling wastes; discharge from metal refineries; erosion of natura deposits
14. Copper	N	2006*	1.4	No Range	ppb	100	100	Discharge from steel and pulp mills, erosion of natural deposits
17. Lead	N	2008	A	o sold	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits; leaching from wood preservatives
		2008	4 . 81	0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Disinfectio	n By-P	roducts						de destorate pa
81. HAA5	N	2008	55.25	48 - 61	ppb	0	60	By-Product of drinking water
32. TTHM Total rihalomethanes)	N	2008	69.25	66 - 71	ppb	0	80	disinfection.  By-product of drinking water chlorination.
Chlorine	N	2008	1.4	9-14	ppm	0	MDRL = 4	Water additive used to control

PWS ID#				<b>EST RESUI</b>	TS			AND AND BEEN BEEN STONE
Contaminant	Violation Y/N	Date Collected	Level Detected	Range of Detects or # of Samples Exceeding MCL/ACL	Unit Measure -ment	MCLG	MCL	Likely Source of Contamination
Inorganic	Contai	minants	SE SE	done su	side a	aba	of 103	TO AND THE PARTY OF THE
10. Barium	N	2006*	.007	No Range				The state of the state of the
43. Chromium	N	b ymu	b		ppm	2		Discharge of drilling wastes; discharge from metal refineries; erosion of natura deposits
110. Ciriolinius	N	2006*	2.6	No Range	ppb	100	-	Discharge from steel and pulp mills:
14. Copper	N	2008	7	0	1337 3	D. H.		erosion of natural deposits
17. Lead	N	Caro	in al	o dress	ppm	1.3	AL=1.3	Corrosion of household plumbing systems; erosion of natural deposits: leaching from wood preservatives
ceau	NJ2 ac	2008		0	ppb	0	AL=15	Corrosion of household plumbing systems, erosion of natural deposits
Disinfection	n By-P	roducts						
81. HAA5	The same of the sa			2942	ant I			The state of the s
32. TTHM		Market Sales			ppb	0	60	By-Product of drinking water disinfection.
Total onathanes]	N	2008	60.25	59 - 61	ppb	0	80	By-product of drinking water chlorination.
Chlorine	N :	2008	1.4	8-14				
		100		0-1.4	opm	0	MDRL = 4	Water additive used to control

Most recent sample. No sample required for 2008.

As you can see by the table, our system had no contaminant violations. However our system exceeded the MCL for Haloacetic Acids (HAA5) in the 2<sup>rd</sup> quarter of 2008. We have learned through our monitoring and testing that some constituents have been detected however the EPA has determined that your water IS SAFE at these levels.

We are required to monitor your drinking water for specific constituents on a monthly basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. Beginning January 1, 2004, the Mississippi State Department of health (MSDH) required public water systems that use chlorine as a primary disinfectant to monitor/test for chlorine residuals as required by the Stage 1 Disinfection By-Products Rule. Our water system failed to complete these monitoring requirements in March & August of 2004 and January, June and November of 2005. We did complete the monitoring requirements for bacteriological sampling that showed no coliform present. In an effort to ensure systems complete all monitoring requirements, MSDH now notifies systems of any missing samples prior to the end of the compliance period.

present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. Our Water Association is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline or at http://www.epa.gov/safewater/lead. The Mississippi State Department of Health Public Health Laboratory offers lead testing for \$10 per sample. Please contact 601.576.7582 if you wish to have your water tested.

All sources of drinking water are subject to potential contamination by substances that are naturally occurring or man made. These substances can be microbes, inorganic or organic chemicals and radioactive substances. All drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that the water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Environmental Protection Agency's Safe Drinking Water Hotline at 1-800-426-4791.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infections. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by cryptosporidium and other microbiological contaminants are available from the Safe Drinking Water Hotline 1-800-426-4791.

<sup>18)</sup> Haloacetic Acids (HAA5). Some people who drink water containing bromate in excess of the MCL over many years may have an increased risk of cancer

#### \*\*\*\*\* MESSAGE FROM MSDH CONCERNING RADIOLOGICAL SAMPLING\*\*\*\*

In accordance with the Radionuclides Rule, all community public water supplies were required to sample quarterly for radionuclides beginning January 2007 - December 2007. Your public water supply completed sampling by the scheduled deadline; however, during an audit of the Mississippi State Department of Health Radiological Health Laboratory, the Environmental Protection Agency (EPA) suspended analyses and reporting of radiological compliance samples and results until further notice.

Although this was not the result of inaction by the public water supply, MSDH was required to issue a violation. The Bureau of Public Water Supply is taking action to resolve this issue as quickly as possible. If you have any questions, please contact Melissa Parker, Deputy Director, Bureau of Public Water Supply, at 601.576.7518.

The Midway Community Water Association works around the clock to provide top quality water to every tap. We ask that all our customers help us protect our water sources, which are the heart of our community, our way of life and our children's future.